

### **BOSNIA-HERZEGOVINA**

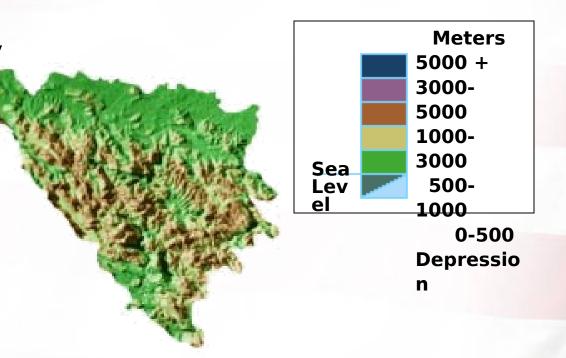
- The Dayton
   Agreement retained
   Bosnia and
   Herzegovina's
   international
   boundaries and
   created a Democratic
   government
- SFOR=DeterRenewed Hostilities



Topography

Climate

hot summers and cold winters; areas of high elevation have short, cool summers and long, severe winters; mild, rainy winters along coast



Terrain: mountains and valleys lowest point: Adriatic Sea 0 m

highest point: Maglic 2,386 mo1.0

- Air
  - Emissions from industrial sources, energy production, traffic, agriculture, and heating
  - Air pollution most pronounced during winter months (climatic inversions)
  - Primary contaminants of concern are sulfur dioxide and particulate matter

#### Food

- Ochratoxin-in locally grown crops, a natural contaminant of moldy food, may contribute to kidney disease
- Other contamination may occur from industrial activities or fertilizers

#### Soil

- Industries release untreated waste into environment, including heavy metals and pesticides
- Localized to areas near industrial sites

- Water
  - Raw sewage and industrial wastes
  - Agricultural run-off
  - Effluent discharges are not controlled
  - Wastewater treatment plants nonfunctional

- Greatest short-term environmental health risks
  - Water contaminated with raw sewage or runoff containing fecal pathogens and industrial waste

- Greatest long-term health risks
  - Localized air pollution in urban and industrial areas

# Bosnia-Herzegovina: Diseases of Operational Importance

- Intermediate risk country
  - Diseases of greatest risk
    - Food and Waterborne: bacterial diarrhea, Hepatitis A
    - Soil Contact: Hantavirus hemorrhagic fever with renal syndrome (HFRS)

# Bosnia-Herzegovina: Diseases of Operational Importance

- Diseases of potential risk
  - Food and Waterborne: protozoal diarrhea,
     Brucellosis, Tularemia, Typhoid/Paratyphoid
     Fever
  - Vector-borne: Typhus (Murine), Boutonneuse Fever, Crimean-Congo Hemorrhagic Fever, Lyme Disease, Tick-borne Encephalitis
  - Water-borne: Leptospirosis
  - Animal Contact: Q Fever, Rabies
  - Sexually transmitted: Gonorrhea/chlamydia